

CLAIMS

What is claimed is:

1. An apparatus for playing an optical disk, comprising:
a first storage storing a predetermined audio stream read out from an optical disk;
a second storage storing a target still picture corresponding to the predetermined audio stream; and
a controller outputting the target still picture stored in the second storage when index information of the target still picture is received from a user, by comparing the received index information with a maximum number of indexes included in a predetermined track of the optical disk currently being played and outputting a storage control signal based on the comparison result so that the second and first storages store the index information of the target still picture and the predetermined audio stream, corresponding to the index information of the target still picture, respectively.
2. The apparatus of claim 1, wherein the controller comprises a comparator comparing the index information of the target still picture with the maximum number of indexes included in the predetermined track and outputting the storage control signal when the index information of the target still picture has a value not larger than the maximum number of indexes included in the predetermined track.
3. A method of playing an optical disk, comprising:
outputting a still image designated by a predetermined index during a predetermined audio stream reproduced from an optical disk;
comparing index information of a target still picture with a maximum number of indexes included in a predetermined track of the optical disk currently playing when the index information of the target still picture is received from a user; and
jumping from a current index to a predetermined index corresponding to the index information of the target still picture if the index information of the target still picture has a value not larger than the maximum number of indexes included in the predetermined track.

4. The method of claim 3, wherein the jumping from a current index to a predetermined index corresponding to the index information of the target still picture comprises outputting the target still picture indicated by the predetermined index, and simultaneously reproducing an audio stream corresponding to playback time designated by the predetermined index.

5. A method of playing an optical disk in an optical disk player, comprising:
inputting index information of a still picture other than one currently being played;
comparing the input index information with a maximum number of still pictures in a first track of the optical disk;
reading a still picture from the optical disk, corresponding to the input index information if the input index is less than the maximum number of still pictures in the first track;
storing the read still picture;
checking playback time designated by the index information and reading audio stream data corresponding to the playback time from the optical disk;
storing the audio stream; and
reproducing the still picture and the audio stream if the input index is less than the maximum number of still pictures in the first track.

6. An apparatus for playing an optical disk, comprising:
a first storage storing an audio stream read from a predetermined track of the disk;
a second storage storing navigation information read from the predetermined track of the disk;
a controller comparing input index information with a maximum number of still pictures in a first track of the optical disk and reading a still picture from the optical disk, corresponding to the input index information if the input index information is less than the maximum number of still pictures in the first track; and
a processor processing signals so that the still picture and the audio stream are reproduced by the apparatus if the input index information is less than the maximum number of still pictures in the first track.

7. An apparatus for playing an optical disk, comprising:

arbitrarily setting and changing playback locations on tracks of the optical disk on a still-picture-by-still-picture basis.